

TABLE V-4
MAPPING OF NPP USER SERVICES TO I-70 WEST CORRIDOR FUNCTIONAL AREAS

NPP USER SERVICE	I-70 WEST CORRIDOR FUNCTIONAL AREA					
	Commercial Vehicle Operations	Communication Systems	Data Collection/Aggregation	Education/Training	Emergency Response	Environmental/Economic Impact
En-Route Driver Information		✓	✓	✓		
Route Guidance		✓	✓	✓		
Traveler Services Information		✓	✓	✓		✓
Traffic Control		✓	✓	✓		✓
Incident Management		✓	✓	✓	✓	✓
Emissions Testing & Mitigation		✓	✓	✓		✓
Demand Management/Operations		✓	✓	✓		✓
Pre-Trip Travel Information		✓	✓	✓		
Ride Matching & Reservation		✓	✓	✓		✓
Public Transportation Management		✓	✓	✓		
En-Route Transit Information		✓	✓	✓		
Personalized Public Transit		✓	✓	✓		✓
Public Travel Security		✓	✓	✓		
Electronic Payment Services	✓	✓	✓	✓		
Commercial Vehicle Electronic Clearance	✓	✓	✓	✓		✓
Automated Roadside Safety Inspection	✓	✓	✓	✓		✓
On-Board Safety Monitoring	✓	✓	✓	✓		
CVO Administrative Processes	✓	✓	✓	✓		
Hazardous Materials Incident Response	✓	✓	✓	✓	✓	✓
Freight Mobility	✓	✓	✓	✓		✓
Emergency Notification/Personal Security		✓	✓	✓	✓	
Emergency Vehicle Management		✓	✓	✓	✓	✓
Longitudinal Collision Avoidance		✓	✓	✓		
Lateral Collision Avoidance		✓	✓	✓		
Intersection Collision Avoidance		✓	✓	✓		
Vision Enhancement--Collision Avoidance		✓	✓	✓		
Safety Readiness		✓	✓	✓		✓
Pre-Crash Restraint Deployment		✓	✓	✓		
Automated Highway System		✓	✓	✓		✓
Railroad Crossing Protection			[not considered in this study]			

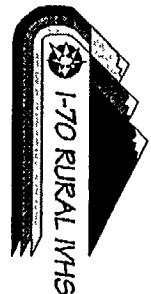


TABLE V-4 (CONTINUED)
MAPPING OF NPP USER SERVICES TO I-70 WEST CORRIDOR FUNCTIONAL AREAS

NPP USER SERVICE	I-70 WEST CORRIDOR FUNCTIONAL AREA					
	Institutional Issues	Public/Private Partnerships	Public Transportation/Alternate Modes	Safety/Warning Systems	Traffic Management/Operations	Traveler Information Services
En-Route Driver Information		✓		✓	✓	✓
Route Guidance		✓		✓		✓
Traveler Services Information	✓	✓	✓			✓
Traffic Control	✓	✓			✓	
Incident Management	✓	✓		✓	✓	
Emissions Testing & Mitigation	✓	✓		✓		
Demand Management/Operations	✓				✓	
Pre-Trip Travel Information		✓	✓			✓
Ride Matching & Reservation	✓	✓	✓			✓
Public Transportation Management	✓		✓		✓	
En-Route Transit Information		✓	✓			✓
Personalized Public Transit	✓	✓	✓			✓
Public Travel Security	✓	✓	✓	✓		
Electronic Payment Services	✓		✓			
Commercial Vehicle Electronic Clearance	✓					
Automated Roadside Safety Inspection	✓			✓		
On-Board Safety Monitoring		✓		✓		
CVO Administrative Processes	✓				✓	
Hazardous Materials Incident Response	✓			✓		
Freight Mobility	✓	✓			✓	
Emergency Notification/Personal Security	✓	✓		✓		✓
Emergency Vehicle Management	✓			✓	✓	
Longitudinal Collision Avoidance		✓		✓		
Lateral Collision Avoidance		✓		✓		
Intersection Collision Avoidance		✓		✓		
Vision Enhancement--Collision Avoidance	✓	✓		✓		
Safety Readiness	✓			✓		✓
Pre-Crash Restraint Deployment		✓		✓		
Automated Highway System	✓	✓		✓	✓	✓
Railroad Crossing Protection						

[not considered in this study]

